

Q#	1. LOK (F/H)	2. LOD (1-5)	3. Psychometric Flaws					4. Job Content Flaws				5. Other		6. B/M/N	7. U/E/S	8. Explanation
			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job- Link	Minutia	#/ units	Back- ward	Q= K/A	SRO Only			
1	F	2												N	S	F vs H
2	H	2												N	S	
3	F	1										X		N	U	Replace Q.
4	F	1												N	U	Re-work Q.
5	F	3												N	S	
6	H	2	X											B	E	Need to have an ADS malfunction in stem.
7	F	2				B								N	E	Replace B
8	F	2	X											N	E	Specify that operator action has been taken

Instructions

[Refer to Section D of ES-401 and Appendix B for additional information regarding each of the following concepts.]

- Enter the level of knowledge (LOK) of each question as either (F)undamental or (H)igher cognitive level.
- Enter the level of difficulty (LOD) of each question using a 1 – 5 (easy – difficult) rating scale (questions in the 2 – 4 range are acceptable).
- Check the appropriate box if a psychometric flaw is identified:
 - The stem lacks sufficient focus to elicit the correct answer (e.g., unclear intent; more information is needed, or too much needless information).
 - The stem or distractors contain cues (i.e., clues, specific determiners, phrasing, length, etc).
 - The answer choices are a collection of unrelated true/false statements.
 - The distractors are not credible; single implausible distractors should be repaired, more than one is unacceptable.
 - One or more distractors is (are) partially correct (e.g., if the applicant can make unstated assumptions that are not contradicted by stem).
- Check the appropriate box if a job content error is identified:
 - The question is not linked to the job requirements (i.e., the question has a valid K/A but, as written, is not operational in content).
 - The question requires the recall of knowledge that is too specific for the closed reference test mode (i.e., it is not required to be known from memory).
 - The question contains data with an unrealistic level of accuracy or inconsistent units (e.g., panel meter in percent with question in gallons).
 - The question requires reverse logic or application compared to the job requirements.
- Check questions that are sampled for conformance with the approved K/A and those that are *designated SRO-only* (K/A and license level mismatches are unacceptable).
- Enter question source: (B)ank, (M)odified, or (N)ew. Check that (M)odified questions meet criteria of ES-401 Section D.2.f.
- Based on the reviewer's judgment, is the question as written (U)nsatisfactory (requiring repair or replacement), in need of (E)ditorial enhancement, or (S)atisfactory?
- At a minimum, explain any "U" ratings (e.g., how the Appendix B psychometric attributes are not being met).

Q#	1. LOK (F/H)	2. LOD (1-5)	3. Psychometric Flaws					4. Job Content Flaws				5. Other		6. B/M/N	7. U/E/S	8. Explanation
			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job- Link	Minutia	#/ units	Back- ward	Q= K/A	SRO Only			
9	F	2												B	S	
10	F	2												N	S	
11	F	2												N	S	
12	H	2						X						M	U	Remove SRM shorting links. Replace if not procedurally driven.
13	H	2	X											N	E	Typo in first bullet.
14	F	2												N	S	
15	H	3												M	S	
16	H	2												B	S	
17	F	2	X											N	E	Need to have SRV auto action in stem.
18	H	2	X											N	E	Have EDG "C" ready for a quarterly test
19	H	2												B	S	
20	F	2												N	S	
21	F	2												N	S	
22	H	3												N	S	
23	H	2				B,C								N	U	Replace B&C.
24	F	2	X			D								N	E	Reword for clarity (available). Replace D.
25	H	3												N	S	
26	F	2												B	S	
27	F	2												N	S	
28	F	2	X											N	E	Reformat distractors.

Q#	1. LOK (F/H)	2. LOD (1-5)	3. Psychometric Flaws					4. Job Content Flaws				5. Other		6. B/M/N	7. U/E/S	8. Explanation
			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job- Link	Minutia	#/ units	Back- ward	Q= K/A	SRO Only			
29	H	1												N	U	Rework Q to increase LOD.
30	F	3				C								B	E	Make 34 vs 33.
31	H	2												B	S	
32	H	2												B	S	
33	F	2												N	S	
34	H	3	X											N	E	Re-format Q for clarity.
35	H	3	X											N	E	Re-word / re-format
36	F	3												N	S	
37	H	2												M	S	
38	H	2												B	S	
39	H	2												B	S	
40	H	3	X											B	E	Typo – reactor vs Reactor (Do for entire exam.)
41	H	2												B	S	
42	H	3	X											B	E	1065 vs 1045
43	F	2												N	S	
44	H	2												M	S	
45	H	2												N	S	
46	F	2												B	S	
47	H	2												N	S	
48	H	2	X											N	E	Reformat distractors for clarity.

Q#	1. LOK (F/H)	2. LOD (1-5)	3. Psychometric Flaws					4. Job Content Flaws				5. Other		6. B/M/N	7. U/E/S	8. Explanation
			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job- Link	Minutia	#/ units	Back- ward	Q= K/A	SRO Only			
49	F	2												N	S	
50	H	2												B	S	
51	F	1												N	U	Re-work Q to be more discriminating.
52	H	2												N	S	
53	H	2												M	S	
54	F	2												M	S	
55	F	2	X											N	E	Reformat to eliminate 2 nd column.
56	H	2												B	S	
57	H	2												M	S	
58	H	2												N	S	
59	H	2												M	S	
60	H	2												B	S	
61	H	3				A								M	E	Replace distractor A.
62	F	2												N	S	
63	H	2												B	S	
64	H	2												B	S	
65	F	2												N	S	
66	F	2												B	S	
67	H	2												N	S	
68	F	3												M	S	

Q#	1. LOK (F/H)	2. LOD (1-5)	3. Psychometric Flaws					4. Job Content Flaws				5. Other		6. B/M/N	7. U/E/S	8. Explanation
			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job- Link	Minutia	#/ units	Back- ward	Q= K/A	SRO Only			
69	H	3												M	S	
70	H	2				C								B	E	Replace MSIVs (C) with sample valves.
71	H	1												B	U	GET. Reselect.
72	F	2	X											M	E	Add second symbol to Q.
73	F	1							X					N	U	Provide parameters values and ask what EOPs would be entered.
74	H	2	X											N	E	Delete phrase from Q.
75	H	2												B	S	
	H=43															
76	H	3										X			U	Re-do distractors to contain actual procedural steps as choices.
77	H	2	X												E	Fix 2 nd bullet – "slowly"
78	H	3													S	
79	H	2													S	Make it a 43(b)(2) Q vs (5)
80	H	3													S	
81	H	2													S	
82	F	2													S	
83	H	3													S	
84	H	2	X												E	Provide both Hot and cold EAL charts. Make it a 43(b)(7) Q vs (5)
85	H	2													S	
86	H	2													S	

[illegible]